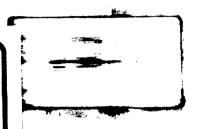
NEW YORK METROPOLITAN ADVISORY
COMMITTEE
(NYMAC)

REPORT TO THE FEDERAL COMMUNICATIONS COMMISSION March 1998



### NEW YORK METRO ADVISORY COMMITTEE APCO PROJECT 26

N.Y CITY

POLICE FIRE EMS DOITT EXPANTE OR LATE FILED

NASSAU Co.

POLICE ELMONT FIRE Ms. Magalie Roman Salas, Esq. Secretary Federal Communications Commission 1919 M Street, NW, Room 222

Washington, DC 20554

BERGEN Co.

POLICE

**APCO** 

Re: <u>FCC Order 95-115</u> WT Docket 96-86

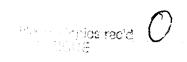
Dear Ms. Salas:



This is to inform the Commission that Paul Einreinhofer and Vincent R. Stile of the New York Metropolitan Advisory Committee (NYMAC), a committee of public safety communication officials working in the New York City metropolitan area for local government, met on Thursday, March 12, 1998, with John Clark and Kathryn Hosford of the Public Safety and the Private Wireless Division of the Wireless Telecommunications Bureau. This meeting was primarily intended to acquaint Mr. Clark with the NYMAC group and to explain its purpose since NYMAC received its direction and authority from the FCC Order 95-115. It was explained that the intent of the Committee is to implement advanced wireless radio communications in the New York City metropolitan area. It is anticipated that the Committee will continue to work towards the permanency of the newly allotted spectrum under FCC order 95-115.

Relative to the other above referenced Docket 96-86, our discussion emphasized the benefits of regional planning groups as a capable means of administrating the distribution of the radio spectrum. With proper leadership, regional planning produces the most efficient distribution of the radio spectrum. As in the FCC order 95-115, the Commission subsequently authorized the NYMAC to act in the New York metro area as administrators of the allotted channels granted under a waiver of the Part 2 and 90 Rules. Such action of the Commission provided desperately needed spectrum for the New York City metropolitan area public safety entities. All NYMAC's supporting documentation is hereinafter attached.

The NYMAC Committee is also supportive of the Association of Public-Safety Communications Officials' (APCO's) position on the subject of Regional Planning as set forth in APCO's comments and reply comments in the above referenced WT Docket.



Please contact the undersigned at (516) 852-6431 should the Commission have any questions.

Respectfully submitted,

Vincent R. Stile Chairman, NYMAC

VRS:ec

cc: Dan Phythyan

John Clark

Kathryn Hosford

Joe McNeil

## NEW YORK METRO ADVISORY COMMITTEE APCO PROJECT 26

N.Y CITY

POLICE FIRE EMS

EMS DOITT

Ms. Magalie Roman Salas, Esq.

NASSAU Co.

POLICE

Secretary Federal Communications Commission 1919 M Street, NW, Room 222 Washington, DC 20554

BERGEN Co.

POLICE

**APCO** 

Re:

FCC Order 95-115 WT Docket 96-86

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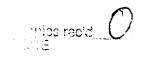


EXPLATE OR LATE FILED

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cc: Dan Phythyan

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#### NEW YORK METRO ADVISORY COMMITTEE APCO PROJECT 26

N.Y CITY

POLICE FIRE EMS

DOITT

NASSAU Co.

POLICE ELMONT

BERGEN Co.

POLICE

APCO

Mr. John Clark, Chief
Wireless Telecommunications Bureau
Federal Communications Commission
FCC
MARITM 1998
CO25 M Street - Room 5002 March 10, 1998

RE: New York Metropolitan Area Public Safety Agencies - FCC Order 95-115

Dear Mr. Clark,

I would like to submit this account of the above referenced Public Safety Agencies, in order to reintroduce that special committee referred to in the FCC Order 95-115. On March 17, 1995, the Commission released the order (FCC 95-115) as a waiver of Parts 2 and 90 of the FCC Rules and Regulations to permit the temporary assignment of frequencies in the 482-488 MHz band (TV Channel 16) to public safety agencies in the New York City Metropolitan area. The granting of this waiver provided these public safety agencies with immediate spectrum relief that was and still is so urgently needed in this frequency congested metropolitan area.

The order was the result of a request for waiver submitted by twelve (12) public safety agencies in the New York City Metropolitan area seeking to use TV channel 16 for public safety land mobile radio. The order refers to these agencies as the New York City Public Safety Agency Coordinating Committee and charges the committee with the responsibility for overseeing the frequency coordination of TV channel 16 frequencies (482-488 MHz) in the New York City Metropolitan area. The committee's name was afterwards changed to the New York Metropolitan Advisory Committee (NYMAC). The NYMAC has provided guidance and review in the coordination process of the allocated spectrum. NYMAC gives approval and/or denial to all the applications submitted to the Committee under the FCC order 95-115. As of this date all 240 frequencies have been allotted to public safety land mobile radio users at 25 KHz band width to agencies within the New York City metro area.

The attached progress report is an account of the activities of the participating agencies over the past three (3) years. It relates an account of the total implementation of radio systems that are utilizing the TV Channel 16 frequency assignments. Since all agencies participating in the NYMAC are governmental entities, they are clearly directed by the laws and regulation of the agencies they represent. The progress made towards the full

implementation of each agency's radio system is therefore dependent upon the financial management of the capital funding within that organization. As reported, each agency's radio communications system is now well on the way to full implementation with some already completed and under redesign for narrow band operation. The NYMAC remains active to monitor the development of these systems.

NYMAC members are communications representatives and technical specialists who provide the design data for their respective agencies. They participate on the Committee to seek the radio frequencies needed for their agencies and serve with the full membership to acquire spectrum needed for the New York Metro area. The Committee works together to encourage efficient use of radio spectrum. The NYMAC remains active to maximize the best usage of the allotment of TV channel 16 given to the City under the order FCC 95-115.

At present, the NYMAC Agencies which actively participate as Committee members are:

- 1. New York City Police Department
- 2. New York City Fire Department
- 3. New York City Department of Corrections
- 4. New York City Department of Parks and Recreation
- 5. New York City Department of Transportation
- 6. New York City Transit Authority
- 7. New York City Department of Sanitation
- 8. New York City Board of Education
- 9. NYC Department of Information Technology & Telecommunications
- 10. City of Yonkers, New York, Fire Department
- 11. City of New Rochelle, New York, Police Department
- 12. Nassau County, New York, Police Department
- 13. Elmont, New York, Fire Department
- 14. Suffolk County, New York, Police Department
- 15. Bergen County, New Jersey, Police Department

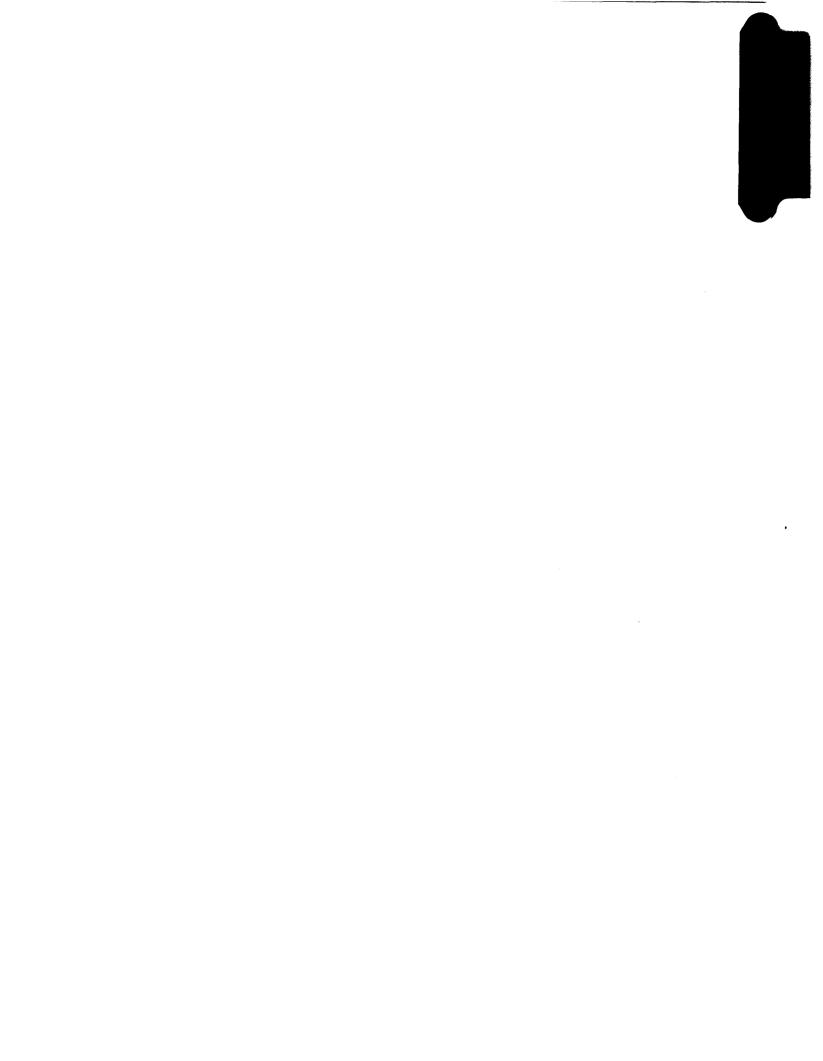
Sincerely,

Vincent R. Stile

Chairman.

New York Metropolitan Advisory Committee

Suffolk County Police Dept.



# NEW YORK METROPOLITAN ADVISORY COMMITTEE

## REPORT TO THE FEDERAL COMMUNICATIONS COMMISSION

#### PREPARED BY

The New York Metropolitan Advisory Committee March 1998

Vincent R. Stile Chairman

Suffolk County Police Department Communications System Director 30 Yaphank Avenue Yaphank, N.Y. 11980

#### The New York Metropolitan Advisory Committee

#### **General Overview:**

The New York Metropolitan Advisory Committee (NYMAC) was formed in April 1995, as a result of the granting of a waiver (FCC Order 95-115) for spectrum relief for the New York Metropolitan Area. An agreement was reached with the Broadcasters to allow for the temporary use of UHF TV channel sixteen by New York Metropolitan Public safety agencies. The Committee's purpose is to allocate the channel 16 spectrum among the participants of the original waiver and to evaluate and recommend the location of any additional spectrum made available by refarming efforts.

The Committee has been meeting monthly to oversee the application process and monitor the construction and reconfiguration of the radio systems. Although much of the Committee's work has been completed relative to the allocation of the channels it will now concentrate on the refarming effort, encouraging the participating agencies to explore using new technology to free up additional spectrum. Due to the efforts of the Committee many of the agencies that originally applied for 25kHz channels are now looking at narrowband technology. The Committee's primary function will now be to work with the local frequency advisor and coordinate the newly allocated spectrum.

All original agencies under the waiver made applications for licensing and were subsequently granted a license. Additional applications were received during a special window opening. The New York City Transit Authority, the City of Yonkers Fire Department and City of New Rochelle Police Department submitted applications to the Committee and were approved according to the NYMAC criteria, and are now licensed.

NYMAC is actively encouraging the participating agencies to utilize spectrum efficient technologies such as narrow banding, trunking and digital radio. With the committee's approval, Motorola C & E, Inc. conducted a test of 12.5kHz narrowband analog/digital technology in the metropolitan area. Several agencies actively participated in the new narrowband test. The Committee encourages other land mobile radio vendors to participate in similar demonstrations. At the urging of the Committee several NYC agencies are reconsidering their original applications for conventional 25kHz channels for narrowband digital-trunked systems at 12.5kHz. If testing is successful in the metropolitan area and the agencies implement the new technology, additional 12.5kHz channels will become available from the original allotment.

#### STATUS OF SYSTEM CONSTRUCTION AND RECONFIGURATION

#### **New York City Police Department**

The New York City Police Department is presently implementing the channels granted through this effort and has been "on the air" since June 1997. Additionally, the NYC Police Department has implemented a 32 channel mobile data system which supports over 2,300 users. The MDT system has been in use since June 1996.

#### **New York City Emergency Medical Services**

NYC EMS is presently reconfiguring their Borough Operation Channels using the NYMAC channels. The existing EMS radio system uses radios in the 470 and 800 MHz frequency range. The NYMAC channels will allow EMS to voice dispatch in 470-480 and digitally dispatch using 800 MHz. NYC EMS is presently using the new channels in its reconfigured radio system.

New York City EMS presently utilizes a mobile data terminal system for digital dispatch. EMS will be expanding and enhancing the mobile data system with the recently acquired channels. The enhancement is presently in the design stage. The MDT system will be moved to 800 MHz

and expanded to handle additional data traffic.

#### **New York City Fire Department**

The NYC Fire Department is presently redesigning its radio system around the recently acquired channels. The proposed system will use trunking and conventional technology for voice communications. The Fire Department has expressed an interest in using narrowband technology and is working with equipment manufacturers to test the various systems in an urban environment. The Fire Department anticipates that their request for proposal will be released once their licenses have been received. Additionally, the Fire Department will begin the migration to UHF by replacing their VHF "Fire Ground" radios with new UHF portables. The NYC Fire Department is presently using a mobile data terminal system for digital dispatch and access to hazardous material databases.

#### NYC Department of Information Technology and Telecommunications (DoITT)

- New York City Department of Corrections
- New York City Parks and Recreation
- New York City Health and Hospitals Police

The NYC Department of Information Technology and Telecommunications has asked the committee to allow the following agencies to pool their channel allocations and construct a 44 channel narrowband digital trunked system. The system will serve these agencies and will also support additional public safety agencies in New York City. All New York City public safety agencies presently using the 800MHz system will be moved to the new UHF trunked system which will allow migration of other NYC agencies onto the 800MHz system.

Using channels presently licensed to New York City DoITT will implement a citywide mobile data terminal system for all other NYC agencies. The system is presently in the design stage with an anticipated construction start up of 12-18 months from this report. This new trunking

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system is presently in the design stage and will be bid as a request for proposal within the next 12

to 18 months.

Nassau County Police Department

The Nassau County Police Department has expanded its mobile data system using the channels

recently acquired NYMAC channels. The Nassau County Police is presently implementing a

computer aided dispatch system which, upon completion, will include digital dispatch and access

to databases to further reduce the loading on the voice radio systems.

**Elmont Fire Department** 

The Elmont Fire Department will utilize the channels for voice communications throughout the

Elmont Fire District. The Elmont Fire Department is presently operating on the new Channel 16

spectrum.

INTEROPERABILITY

The Committee has been tasked with drafting an interoperability agreement for all participating

agencies. Six interoperability channels have been constructed throughout the NYC Metropolitan

area for use by public safety agencies during emergency situations or when joint operations

require a common channel for coordination. A final Memorandum of Understanding has been

agreed upon and is now an official document of NYMAC.

NYMAC Official License Application:

See attachment

		1				Call		Grant
Channel No.	Bandwidth	Frequen		Licensee	AGENCY	Sign	Use	Date
	KHz	Base	Mobile					
1	0.00625	482.00625	485.00625					
2	0.00625	482.0125	485.0125		DOITT	WIM 696		4/1/96
3	0.00625	482.01875	485.01875					
4	0.00625	482.025	485.025					
5	0.00625	482.03125	485.03125					
6	0.00625	482.0375	485.0375	DOITT	DCNY	WIM 602		9/25/95
7	0.00625	482.04375	485.04375					
8	0.00625	482.05	485.05				***************************************	
9	0.00625	482.05625	485.05625					
10	0.00625	482.0625	485.0625	DOITT	DCNY	WIM 602		9/25/95
11	0.00625	482.06875	485.06875					
12	0.00625	482.075	485.075					
13	0.00625	482.08125	485.08125					
14	0.00625	482.0875	485.0875	DOITT	DCNY	WIM 602		9/25/95
15	0.00625	482.09375	485.09375					
16	0.00625	482.1	485.1		==			
17	0.00625	482.10625	485.10625					
18	0.00625	482.1125	485.1125	DOITT	DCNY	WIM 602		9/25/95
19	0.00625	482.11875	485.11875					
20	0.00625	482.125	485.125					
21	0.00625	482.13125	485.13125					
22	0.00625	482.1375	485.1375	DOITT	HHPD	WIM680		11/9/95
23	0.00625	482.14375	485.14375					
24	0.00625	482.15	485.15					
25	0.00625	482.15625	485.15625					
26	0.00625	482.1625	485.1625	DOITT	HHPD	WIM 680		11/9/95
27	0.00625	482.16875	485.16875					
	0.00625	482.175	485.175					
28 29	0.00625	482.18125	485.18125					
30	0.00625	482.1875	485.1875	DOITT	HHPD	WIM 680		11/9/95
31	0.00625	482.19375	485.19375		[]			
32	0.00625	482.2	485.2					

			**********	1		Call	Origina	Grant
Channel No.	Bandwidth	Frequen	cy, MHz	Licensee	AGENCY	Sign	Use	Date
	KHz	Base	Mobile			l		
33	0.00625	482.20625	485.20625					
34	0.00625	482.2125	485.2125	DOITT	HHPD	WIM 680		11/9/95
35	0.00625	482.21875	485.21875					
36	0.00625	482.225	485.225					
37	0.00625	482.23125	485.23125					
38	0.00625	482.2375	485.2375	DOITT	HHPD	WIM 680		11/9/95
39	0.00625	482.24375	485.24375					
40	0.00625	482.25	485.25					
41	0.00625	482.25625	485.25625					
42	0.00625	482.2625	485.2625		DOITT	WIM 696		4/1/96
43	0.00625	482.26875	485.26875					
44	0.00625	482.275	485.275					
45	0.00625	482.28125	485.28125					
46	0.00625	482.2875	485.2875	DOITT	DCNY	WIM 602		9/25/95
47	0.00625	482.29375	485.29375					
48	0.00625	482.3	485.3				and the second s	
49	0.00625	482.30625	485.30625					
50	0.00625	482.3125	485.3125	DOITT	DCNY	WIM 602		9/25/96
51	0.00625	482.31875	485.31875					
52 53	0.00625	482.325	485.325					
	0.00625	482.33125	485.33125					
54	0.00625	482.3375	485.3375	DOITT	DCNY	WIM 602		9/25/96
55	0.00625	482.34375	485.34375					
56	0.00625	482.35	485.35					
57	0.00625	482.35625	485.35625					
58	0.00625	482.3625	485.3625	DOITT	DCNY	WIM 602		9/25/96
59	0.00625	482.36875	485.36875			.,	ALAKA TORREST	
60	0.00625	482.375	485.375					
61	0.00625	482.38125	485.38125					
62	0.00625	482.3875	485.3875	NYPD		WIM 515	CITY WIDE	10/18/95
63	0.00625	482.39375	485.39375		[			
64	0.00625	482.4	485.4					

Revised Date: May 30, 1997

Original Date: May 30, 1995

						Call		Grant
Channel No.	Bandwidth	Frequen	cv. MHz	Licensee	AGENCY	Sign	Use	Date
	KHz	Base	Mobile					
65	0.00625	482.40625	485.40625					
66	0.00625	482.4125	485.4125	NYPU		WIM 519		10/18/95
67	0.00625	482.41875	485.41875					
68	0.00625	482.425	485.425					
69	0.00625	482.43125	485.43125					
70	0.00625	482.4375	485.4375	NYPO		WIM 523		10/18/95
71	0.00625	482.44375	485.44375				- 100 100 100 100 100 100 100 100 100 10	
72	0.00625	482.45	485.45			[		
73	0.00625	482.45625	485.45625					
74	0.00625	482.4625	485.4625	NYPO		WIM 527		10/18/95
75	0.00625	482.46875	485.46875					
76	0.00625	482.475	485.475					
77	0.00625	482.48125	485.48125					
78	0.00625	482.4875	485.4875	NYPD		WIM 511		10/18/95
79	0.00625	482.49375	485.49375					
80	0.00625	482.5	485.5					
81	0.00625	482.50625	485.50625				-	
82	0.00625	482.5125	485.5125		DOITT	WIM 696		4/1/96
83	0.00625	482.51875	485.51875					
84	0.00625	482.525	485.525					
85	0.00625	482.53125	485.53125					
86	0.00625	482.5375	485.5375	NYPD		WIM 507	S.I. SOUTH	10/18/95
87	0.00625	482.54375	485.54375					
88	0.00625	482.55	485.55					
89	0.00625	482.55625	485.55625				1	
90	0.00625	482.5625	485.5625	NYPO		WIM 664		10/11/95
91	0.00625	482.56875	485.56875					
92	0.00625	482.575	485.575					
92 93	0.00625	482.58125	485.58125					
94	0.00625	482.5875	485.5875	NYPD		WIM 660		10/11/95
95	0.00625	482.59375	485.59375			· · · · · <del></del> · · · · [- · · · · · · · · · · · ·		
96	0.00625	482.6	485.6					

						Call	- Original	Grant
Channel No.	Bandwidth	Frequenc	cy, MHz	Licensee	AGENCY	Sign	Use	Date
	KHz	Base	Mobile					
97	0.00625	482.60625	485.60625					
98	0.00625	482.6125	485.6125	NYPO		WIM 658	QUEENS	10/11/95
99	0.00625	482.61875	485.61875					
100	0.00625	482.625	485.625					
101	0.00625	482.63125	485.63125					
102	0.00625	482.6375	485.6375	NYPO		WIM 654		10/11/95
103	0.00625	482.64375	485.64375					
104	0.00625	482.65	485.65					
105	0.00625	482.65625	485.65625					
106	0.00625	482.6625	485.6625	NYPO		WIM 487		10/18/95
107	0.00625	482.66875	485.66875					
108	0.00625	482.675	485.675					
109	0.00625	482.68125	485.68125					
110	0.00625	482.6875	485.6875	NYPO		WIM 483	CW INTEROP	3/1/96
111	0.00625	482.69375	485.69375			and it is a manufactor of MASS or a sum of		
112	0.00625	482.7	485.7					
113	0.00625	482.70625	485.70625					
114	0.00625	482.7125	485.7125	NYPU		WIM 479	MANHAT INTEROP	10/18/95
115	0.00625	482.71875	485.71875					
116	0.00625	482.725	485.725					
117	0.00625	482.73125	485.73125					
118	0.00625	482.7375	485.7375	NYPD		WIM 475	BRONX INTEROP	10/18/95
119	0.00625	482.74375	485.74375					
120	0.00625	482.75	485.75					
121	0.00625	482.75625	485.75625					
122	0.00625	482.7625	485.7625		DOITT	WIM 696		4/1/95
123	0.00625	482.76875	485.76875					
124	0.00625	482.775	485.775					
125	0.00625	482.78125	485.78125	· · · · · · · · · · · · · · · · · · ·				
126	0.00625	482.7875	485.7875	NYPD		WIM 471	KINGS INTEROP	10/18/95
127	0.00625	482.79375	485.79375					
128	0.00625	482.8	485.8					

						Call	Originar L	Grant
Channel No.	Bandwidth	Frequen		Licensee	AGENCY	Sign	Use	Date
	KHz	Base	Mobile					l
129	0.00625	482.80625	485.80625					
130	0.00625	482.8125	485.8125	NYPO		WIM 676	QUEENS INTEROP	10/11/95
131	0.00625	482.81875	485.81875					
132	0.00625	482.825	485.825					
133	0.00625	482.83125	485.83125					
134	0.00625	482.8375	485.8375	NYPO		WIM580	S.I. North, INTEROP	10/12/95
135	0.00625	482.84375	485.84375					
136	0.00625	482.85	485.85					
137	0.00625	482.85625	485.85625					
138	0.00625	482.8625	485.8625	NYPD		WIM 584		10/12/95
139	0.00625	482.86875	485.86875					
140	0.00625	482.875	485.875					
141	0.00625	482.88125	485.88125					
142	0.00625	482.8875	485.8875	NYPD		WIM 576		10/12/95
143	0.00625	482.89375	485.89375					
144	0.00625	482.9	485.9					
145	0.00625	482.90625	485.90625					
146	0.00625	482.9125	485.9125	NYPD		WIM 638	MDT 1 BRONX	10/11/95
147	0.00625	482.91875	485.91875					
148	0.00625	482.925	485.925					
149	0.00625	482.93125	485.93125					
150	0.00625	482.9375	485.9375	NYPO		WIM 622	MDT 9 QUEENS	10/10/95
151	0.00625	482.94375	485.94375					
152	0.00625	482.95	485.95					
153	0.00625	482.95625	485.95625					
154	0.00625	482.9625	485.9625	DOITT	DOT T&S	WIM 594		9/25/95
155	0.00625	482.96875	485.96875					
156	0.00625	482.975	485.975			·		
157	0.00625	482.98125	485.98125					
158	0.00625	482.9875	485.9875	EMS		WIL 996		1/24/96
159	0.00625	482.99375	485.99375					i
160	0.00625	483	486					

Channel No.					l .	Call		Grant	
	Bandwidth	Frequenc	cy, MHz	Licensee	AGENCY	Sign	Use	Date	
	KHz	Base	Mobile						
161	0.00625	483.00625	486.00625						
162	0.00625	483.0125	486.0125		DOITT	WIM 696		4/1/96	
163	0.00625	483.01875	486.01875						
164	0.00625	483.025	486.025						
165	0.00625	483.03125	486.03125						
166	0.00625	483.0375	486.0375	DOITT	DOT T&S	WIM 594		9/25/95	
167	0.00625	483.04375	486.04375						
168	0.00625	483.05	486.05						
169	0.00625	483.05625	486.05625						
170	0.00625	483.0625	486.0625	NYPD		WIM 661	MDT 17 N.Y.C.	10/27/95	
171	0.00625	483.06875	486.06875						
172	0.00625	483.075	486.075						
173	0.00625	483.08125	486.08125						
174	0.00625	483.0875	486.0875	NYPO		WIM 491	MDT 25 KINGS	10/18/95	
175	0.00625	483.09375	486.09375	***************************************	-				
176	0.00625	483.1	486.1						
177	0.00625	483.10625	486.10625						
178	0.00625	483.1125	486.1125	EMS		WIL 996	- · · · · · · · · · · · · · · · · · · ·	1/24/96	
179	0.00625	483.11875	486.11875						
180	0.00625	483.125	486.125						
181	0.00625	483.13125	486.13125			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
182	0.00625	483.1375	486.1375		DOITT	WIM 696		4/1/95	
183	0.00625	483.14375	486.14375	***************************************					
184	0.00625	483.15	486.15						
185	0.00625	483.15625	486.15625					_	
186	0.00625	483.1625	486.1625	NYPO		WIM 646	MDT 2 BRONX	10/11/95	
187	0.00625	483.16875	486.16875				<u></u>		
188		483.175	486.175						
189		483.18125	486.18125						
190		483.1875	486.1875	NYPD		WIM 626	MDT 10 QUEENS	10/11/95	
191	0.00625	483.19375	486.19375						
192		483.2	486.2						

						Call	Original	Grant
Channel No.	Bandwidth	Frequen		Licensee	AGENCY	Sign	Use	Date
	KHz	Base	Mobile					
193	0.00625	483.20625	486.20625					
194	0.00625	483.2125	486.2125	DOITT	DOT T&S	WIM 594		9/25/95
195	0.00625	483.21875	486.21875					
196	0.00625	483.225	486.225					
197	0.00625	483.23125	486.23125					
198	0.00625	483.2375	486.2375	EMS		WIL 996		1/24/96
199	0.00625	483.24375	486.24375				ALL AND	
200	0.00625	483.25	486.25					
201	0.00625	483.25625	486.25625					
202	0.00625	483.2625	486.2625		DOITT	WIM696		4/1/95
203	0.00625	483.26875	486.26875					
204	0.00625	483.275	486.275					
205	0.00625	483.28125	486.28125					
206	0.00625	483.2875	486.2875	DOITT	DOT T&S	WIM 594		9/15/95
207	0.00625	483.29375	486.29375					
208	0.00625	483.3	486.3					
209	0.00625	483.30625	486.30625					
210	0.00625	483.3125	486.3125	NYPD		WIM662	MDT 18 N.Y.C.	10/27/95
211	0.00625	483.31875	486.31875					
212	0.00625	483.325	486.325					
213	0.00625	483.33125	486.33125					
214	0.00625	483.3375	486.3375	NYPD		WIM 495	MDT 26 KINGS	10/18/95
215	0.00625	483.34375	486.34375					
216	0.00625	483.35	486.35					
217	0.00625	483.35625	486.35625					
218	0.00625	483.3625	486.3625	EMS		WIL 996		1/24/96
219	0.00625	483.36875	486.36875					
220	0.00625	483.375	486.375		1			
221	0.00625	483.38125	486.38125					
222	0.00625	483.3875	486.3875		DOITT	WIM 696		4/1/95
223	0.00625	483.39375	486.39375	***************************************			27.0	
224	0.00625	483.4	486.4					

						Call		Grant
Channel No.	Bandwidth	Frequen	cy, MHz	Licensee	AGENCY	Sign	Use	Date
	KHz	Base	Mobile					
225	0.00625	483.40625	486.40625					
226	0.00625	483.4125	486.4125	NYPO		WIM642	MDT 3 QUEENS	10/11/95
227	0.00625	483.41875	486.41875				· · · · · · · · · · · · · · · · · · ·	
228	0.00625	483.425	486.425					
229	0.00625	483.43125	486.43125					
230	0.00625	483.4375	486.4375	NYPD		WIM 630	MDT 11 N.Y.C.	10/11/95
231	0.00625	483.44375	486.44375					
232	0.00625	483.45	486.45					
233	0.00625	483.45625	486.45625					
234	0.00625	483.4625	486.4625	NYCTA			SUBWAY	
235	0.00625	483.46875	486.46875					
236	0.00625	483.475	486.475					
237	0.00625	483.48125	486.48125					
238	0.00625	483.4875	486.4875	EMS		WIL 996		1/24/96
239	0.00625	483.49375	486.49375					
240	0.00625	483.5	486.5					
241	0.00625	483.50625	486.50625					
242	0.00625	483.5125	486.5125		DOITT	wim 696		4/1/96
243	0.00625	483.51875	486.51875					
244	0.00625	483.525	486.525					
245	0.00625	483.53125	486.53125					
246	0.00625	483.5375	486.5375	NYCTA			SUBWAY	
247	0.00625	483.54375	486.54375					
248	0.00625	483.55	486.55					
249	0.00625	483.55625	486.55625					
250	0.00625	483.5625	486.5625	NYPD		WIM 663	MDT 19 KINGS	10/27/95
251		483.56875	486.56875					
252	0.00625	483.575	486.575					
253		483.58125	486.58125					
254	0.00625	483.5875	486.5875	NYFD			MDT 27 KINGS	10/18/09
255	0.00625	483.59375	486.59375					
256	0.00625	483.6	486.6				No. AMERICAN CONTRACTOR OF THE	

						Call		Grant
Channel No.	Bandwidth	Frequen	cy, MHz	Licensee	AGENCY	Sign	Use	Date
	KHz	Base	Mobile					
257	0.00625	483.60625	486.60625					
258	0.00625	483.6125	486.6125	EMS		WIL 996		1/24/96
259	0.00625	483.61875	486.61875					
260	0.00625	483.625	486.625					
261	0.00625	483.63125	486.63125					
262	0.00625	483.6375	486.6375		DOITT	WIM 696		4/1/96
263	0.00625	483.64375	486.64375					
264	0.00625	483.65	486.65					
265	0.00625	483.65625	486.65625					
266	0.00625	483.6625	486.6625	NYPD		WIM 650	MDT 4 QUEENS	10/11/95
267	0.00625	483.66875	486.66875					
268	0.00625	483.675	486.675					
269	0.00625	483.68125	486.68125					
270	0.00625	483.6875	486.6875	NYPD		WIM 670	MDT 12 QUEENS	10/27/95
271	0.00625	483.69375	486.69375					
272	0.00625	483.7	486.7					
273	0.00625	483.70625	486.70625					
274	0.00625	483.7125	486.7125	NYCTA			SUBWAY	
275	0.00625	483.71875	486.71875					
276	0.00625	483.725	486.725					
277	0.00625	483.73125	486.73125					
278	0.00625	483.7375	486.7375	EMS		WIL 996		1/24/96
279	0.00625	483.74375	486.74375					
280	0.00625	483.75	486.75					_
281	0.00625	483.75625	486.75625					
282	0.00625	483.7625	486.7625		DOITT	WIM 696		4/1/95
283	0.00625	483.76875	486.76875					
284	0.00625	483.775	486.775					
285	0.00625	483.78125	486.78125					
286	0.00625	483.7875	486.7875	NYCTA			SUBWAY	
287	0.00625	483.79375	486.79375					
288	0.00625	483.8	486.8					

						Call		Grant
Channel No.	Bandwidth	Frequen	cy, MHz	Licensee	AGENCY	Sign	Use	Date
	KHz	Base	Mobile					
289	0.00625	483.80625	486.80625					_
290	0.00625	483.8125	486.8125	NYPO		WIM 665	MDT 20 NEW YORK	10/27/95
291	0.00625	483.81875	486.81875					
292	0.00625	483.825	486.825					
293	0.00625	483.83125	486.83125					
294	0.00625	483.8375	486.8375	NYPD		WIM 503	MDT 28 KINGS	10/18/95
295	0.00625	483.84375	486.84375					
296	0.00625	483.85	486.85					
297	0.00625	483.85625	486.85625					
298	0.00625	483.8625	486.8625		NASSAU	WIM 212	MDT	10/13/95
299	0.00625	483.86875	486.86875					
300	0.00625	483.875	486.875					<u> </u>
301	0.00625	483.88125	486.88125					İ
302	0.00625	483.8875	486.8875		DOITT	WIM 696		4/1/95
303	0.00625	<b>48</b> 3.89375	486.89375					
304	0.00625	483.9	486.9					
305	0.00625	483.90625	486.90625					
306	0.00625	483.9125	486.9125	NYPD		WIM 668	MDT 5 NEW YORK	10/11/95
307	0.00625	483.91875	486.91875					
308	0.00625	483.925	486.925			<u> </u>		
309	0.00625	483.93125	486.93125		,			
310	0.00625	483.9375	486.9375	NYPD		WIM 671	MDT 13 QUEENS	10/27/95
311	0.00625	483.94375	486.94375					
312	0.00625	483.95	486.95					
313	0.00625	483.95625	486.95625					
314	0.00625	483.9625	486.9625	DOITT	DOT T&S	WIM 594		9/25/95
315	0.00625	483.96875	486.96875					
316	0.00625	483.975	486.975					
317	0.00625	483.98125	486.98125					
318	0.00625	483.9875	486.9875	EMS	DOITT	WIL 996		1/24/96
319	0.00625	<b>483</b> .99375	486.99375					
320	0.00625	484	487					

						Call		Grant
Channel No.	Bandwidth	Frequenc	cy, MHz	Licensee	AGENCY	Sign	Use	Date
	KHz	Base	Mobile					
321	0.00625	484.00625	487.00625					
322	0.00625	484.0125	487.0125		DOITT	WIM 696		4/1/96
323	0.00625	484.01875	487.01875					
324	0.00625	484.025	487.025					
325	0.00625	484.03125	487.03125					
326	0.00625	484.0375	487.0375	DOITT	DOT T&S	WIM 594		9/25/95
327	0.00625	484.04375	487.04375					
328	0.00625	484.05	487.05					
329	0.00625	484.05625	487.05625					
330	0.00625	484.0625	487.0625	NYPO		WIM 666	MDT 21 KINGS	10/27/95
331	0.00625	484.06875	487.06875					
332	0.00625	484.075	487.075					
333	0.00625	484.08125	487.08125					
334	0.00625	484.0875	487.0875	NYPO		WIM 634	MDT 29 S.I.	10/11/95
335	0.00625	484.09375	487.09375					
336	0.00625	484.1	487.1					
337	0.00625	484.10625	487.10625					
338	0.00625	484.1125	487.1125	(27)	NASSAU	WIM 212	MDT	10/13/95
339	0.00625	484.11875	487.11875					
340	0.00625	484.125	487.125					
341	0.00625	484.13125	487.13125					
342	0.00625	484.1375	487.1375		DOITT	WIM 6996		4/1/96
343	0.00625	484.14375	487.14375					
344	0.00625	484.15	487.15					
345	0.00625	484.15625	487.15625					
346	0.00625	484.1625	487.1625	NYPD		WIM 672	MDT 6 BRONX	10/11/95
347	0.00625	484.16875	487.16875					
348	0.00625	484.175	487.175					
349	0.00625	484.18125	487.18125					
350	0.00625	484.1875	487.1875	NYPU		WIM 673	MDT 14 NEW YORK	10/27/95
351	0.00625	484.19375	487.19375					
352	0.00625	484.2	487.2					

						Call	Grant	
Channel No.	Bandwidth	Frequen		Licensee	AGENCY	Sign	Use	Date
	KHz	Base	Mobile			<u> </u>		
353	0.00625	484.20625	487.20625					
354	0.00625	484.2125	487.2125	DOITT	DOT T&S	WIM 594		9/25/95
355	0.00625	484.21875	487.21875					
356	0.00625	484.225	487.225					
357	0.00625	484.23125	487.23125					
358	0.00625	484.2375	487.2375	5346	DOITT	WIL 996	10.18/10.79	1/24/96
359	0.00625	484.24375	487.24375					
360	0.00625	484.25	487.25					
361	0.00625	484.25625	487.25625					
362	0.00625	484.2625	487.2625		DOITT	WIM 696		4/1/96
363	0.00625	484.26875	487.26875					
364	0.00625	484.275	487.275					
365	0.00625	484.28125	487.28125					
366	0.00625	484.2875	487.2875	DOITT	DOT T&S	WIM 594		9/25/95
367	0.00625	484.29375	487.29375					
368	0.00625	484.3	487.3					
369	0.00625	484.30625	487.30625					
370	0.00625	484.3125	487.3125	NYPO		WIM 667	MDT 22 KINGS	10/27/95
371	0.00625	484.31875	487.31875					
372	0.00625	484.325	487.325					
373	0.00625	484.33125	487.33125					
374	0.00625	484.3375	487.3375	NYPO		WIM564	MDT 30 S.I.	10/12/95
375	0.00625	484.34375	487.34375					
376	0.00625	484.35	487.35	-				
377	0.00625	484.35625	487.35625					
378	0.00625	484.3625	487.3625	FINITE	NASSAU	WIM 212	MDT	10/13/95
379	0.00625	484.36875	487.36875					
380	0.00625	484.375	487.375					
381	0.00625	484.38125	487.38125					
382	0.00625	484.3875	487.3875		DOITT	WIM 696		4/1/96
383	0.00625	484.39375	487.39375				· · · · · · · · · · · · · · · · · · ·	
384	0.00625	484.4	487.4					